Juan Bautista HernÃ¡ndez Serrano

List of Publications by Year
in descending order

30 papers	373 citations	11 h-index	18 g-index
31 all docs	31 docs citations	31 times ranked	384 citing authors

840776

839539

#	Article	IF	Citations
1	Securing cognitive radio networks. International Journal of Communication Systems, 2010, 23, 633-652.	2.5	45
2	Secure Lossless Aggregation Over Fading and Shadowing Channels for Smart Grid M2M Networks. IEEE Transactions on Smart Grid, 2011, 2, 844-864.	9.0	37
3	Providing k-anonymity and revocation in ubiquitous VANETs. Ad Hoc Networks, 2016, 36, 482-494.	5.5	31
4	Low-Power Low-Rate Goes Long-Range: The Case for Secure and Cooperative Machine-to-Machine Communications. Lecture Notes in Computer Science, 2011, , 219-230.	1.3	29
5	A new cross-layer attack to TCP in cognitive radio networks. , 2009, , .		25
6	Cooperative detection of primary user emulation attacks in CRNs. Computer Networks, 2012, 56, 3374-3384.	5.1	25
7	Modeling the Lion Attack in Cognitive Radio Networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	23
8	Building a virtual hierarchy to simplify certification path discovery in mobile ad-hoc networks. Computer Communications, 2007, 30, 1498-1512.	5.1	20
9	COACH: COllaborative certificate stAtus CHecking mechanism for VANETs. Journal of Network and Computer Applications, 2013, 36, 1337-1351.	9.1	20
10	DocCloud: A document recommender system on cloud computing with plausible deniability. Information Sciences, 2014, 258, 387-402.	6.9	19
11	Simplicial degree in complex networks. Applications of topological data analysis to network science. Chaos, Solitons and Fractals, 2020, 137, 109839.	5.1	19
12	Reconciling privacy and efficient utility management in smart cities. Transactions on Emerging Telecommunications Technologies, 2014, 25, 94-108.	3.9	18
13	Improved LKH for batch rekeying in multicast groups. , 2003, , .		11
14	Design of a P2P content recommendation system using affinity networks. Computer Communications, 2012, 36, 90-104.	5.1	9
15	A Modeling of Certificate Revocation and Its Application to Synthesis of Revocation Traces. IEEE Transactions on Information Forensics and Security, 2012, 7, 1673-1686.	6.9	8
16	Towards a Cooperative Intrusion Detection System for Cognitive Radio Networks. Lecture Notes in Computer Science, 2011, , 231-242.	1.3	6
17	Energyâ€efficient physical layer packet authenticator for machineâ€toâ€machine networks. Transactions on Emerging Telecommunications Technologies, 2013, 24, 401-412.	3.9	4
18	Low-cost group rekeying for unattended wireless sensor networks. Wireless Networks, 2013, 19, 47-67.	3.0	4

#	Article	IF	Citations
19	On the Road to Secure and Privacy-Preserving IoT Ecosystems. Lecture Notes in Computer Science, 2017, , 107-122.	1.3	4
20	Multimedia Copyright Protection Platform Demonstrator. Lecture Notes in Computer Science, 2005, , 411-414.	1.3	3
21	WiMAX-based robust localization in the presence of misbehaving and/or malicious base stations. Computers and Electrical Engineering, 2013, 39, 2318-2329.	4.8	3
22	A Cognitive-Radio-Based Method for Improving Availability in Body Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-13.	2.2	3
23	The TAMESIS Project: Enabling Technologies for the Health Status Monitoring and Secure Exchange of Clinical Record. , 2013, , .		2
24	Privacy risk analysis in the IoT domain. , 2018, , .		1
25	DEFSâ€"Data Exchange with Free Sample Protocol. Electronics (Switzerland), 2021, 10, 1455.	3.1	1
26	Cooperative Detection of PUE Attacks in CRNs. Signals and Communication Technology, 2014, , 287-316.	0.5	1
27	Distributed Group Security for Wireless Sensor Networks. , 0, , 310-333.		1
28	Decentralized and Scalable Group Key Management Algorithm for Large Ad-Hoc Groups. , 2006, , .		0
29	Building Hierarchical Public Key Infrastructures in Mobile Ad-Hoc Networks. Lecture Notes in Computer Science, 2006, , 485-496.	1.3	0
30	Supporting Mobility in GKM over Ad-Hoc Network Using a Decentralized and Spontaneous Algorithm. , 2007, , 526-539.		0